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(54) **Disc recording/reproducing apparatus.**

(57) During recording inputted data are sequentially written into a memory (14) at one transfer rate and are read out at a second, higher transfer rate for recording on a record medium (2). The reading of the memory (14) is such that data in a preset first amount are successively read from the memory (14) to always ensure a write space in the memory (14) which has a capacity which is higher than a predetermined second amount when the amount of the inputted data stored in the memory (14) exceeds the first amount. During playback, the recorded data are reproduced at a second transfer rate, which is higher than a first transfer rate required for outputting the reproduced data, and are written in a memory (22). The thus written data are successively read out of the memory (22) as reproduced output data at the first transfer rate. The writing of the reproduced data to the memory (22) is controlled so that a second amount of the reproduced data is written into the memory (22) and an amount of reproduced data, not less than a first amount, is always stored in the memory (22) when the amount of the reproduced data stored in the memory (22) becomes not higher than the first given amount.

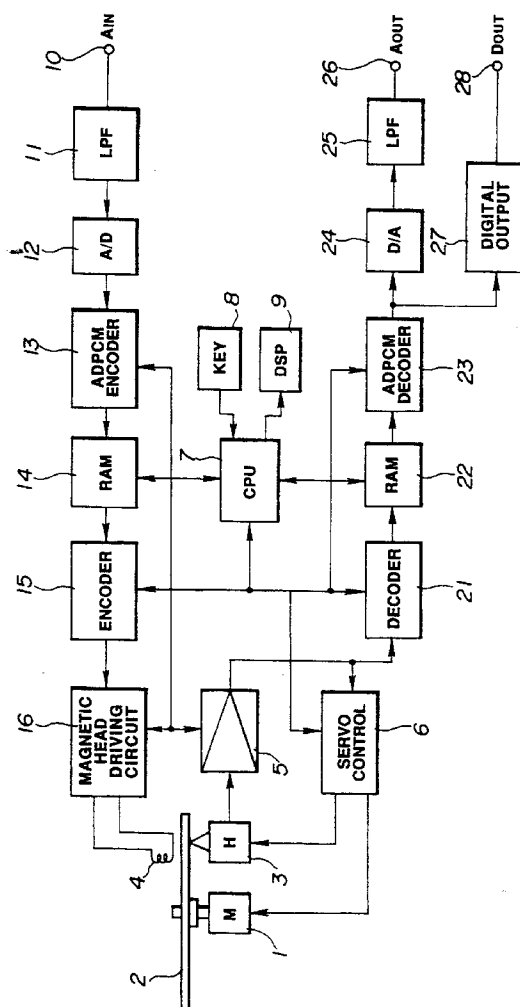


FIG. 1



European Patent
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EUROPEAN SEARCH REPORT

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EP 91 30 5585

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	EP-A-0 249 781 (BLAUPUNKT-WERKE GMBH) * column 10, line 25 - column 12, line 34 * ---	10-17	G11B20/10 G11B27/00
A	EP-A-0 155 970 (SONY CORPORATION) * page 14, line 15 - page 15, line 24; figure 3 * ---	10, 17	
A	GB-A-2 136 192 (N.V. PHILIPS GLOEILAMPENFABRIEKEN) * page 4, line 71 - page 6, line 79 * ---	10	
A	EP-A-0 283 727 (1K MUSIC INTERNATIONAL) * column 17, line 21 - column 18, line 52; figure 2 * ---	10	
A	EP-A-0 196 590 (SONY CORPORATION) * page 12, line 24 - page 14, line 2; figure 8 * ---	1, 8	
A	FR-A-2 317 726 (LABORATOIRES D' ELECTRONIQUE ET DE PHYSIQUE APPLIQUEE L.E.P.) * page 3, line 29 - page 4, line 34 * ---	1	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
P, X	EP-A-0 429 139 (N.V. PHILIPS GLOEILAMPENFABRIEKEN) * column 8, line 4 - column 12, line 25 * -----	1	G11B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 09 JUNE 1992	Examiner KELPERIS K,
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

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